

SEDIMENT SAMPLING

Statement of Qualifications

Gravity Consulting's core expertise is the collection of sediments. From river surface sands to deep ocean clays, Gravity has the proprietary technology to collect representative samples to meet your study goals. Gravity has equipment for:

- **Surface sampling for chemistry and bioassay's testing**
- **Vibracoring for contaminated sites and port dredges**
- **Direct Push cores for geotechnical**
- **Specialized sampling for erosion testing and geophysical**



Gravity has extensive sediment sampling experience, we understand both the technology and the significance of data quality objectives. We can help you choose the right tools for the job. With our custom vibracorer and power grab samplers we collect superior and more reliable data providing consistent sampling recovery, deeper penetration, and the ability to sample hard substrates. The use of these instruments allows us to collect less disturbed samples in environments and substrates that other instruments cannot.

Consulting
Equipment
Staffing
Support

gravityenv.com

Perfecting the art of Sediment Sampling

Onsite solutions

for your project needs.....

Project Experience

- Vibracore sampling in fast moving rivers and high traffic harbors
- Power Grab Sampling in challenging substrates
- Deep Ocean Coring using Gravity's ROVs
- Direct Push bank and over-water borings
- Sed-Flume Erosion Coring

Gravity's staff have significant experience in implementing successful sampling programs. **Gravity** represents public and private clients working

in cooperation with government regulatory agencies.

Gravity brings to each project an unbeatable team of professionals whom perform to the highest level of quality and safety.



REPRESENTATIVE PROJECTS

Rio Grande River Hydrology, New Mexico

Multiyear evaluation of hydrology and environmental effects of changing river flows on the RioGrande River. Assessment included the collection of sediment samples from remote stretches of the RioGrande river.

Klamath River Dam Removal, California

Geotechnical investigation of two of the Klamath River dams that are planned for removal in 2020. This study was conducted to evaluate the environmental impact of dam removal.

Duwamish River CERCLA, Washington

Environmental investigations over the past 10 years in the Superfund area of the Duwamish River for multiple clients. Sediment investigations have included surface, vibracore, and erosion sampling in areas with significant PCB

GRAVITY PROVIDES TOTAL END TO END SOLUTIONS



CUSTOM SOLUTIONS

for site specific conditions

SedX – ROV designed for depths to 3000 meters combines four independent samplers: power grab, box core, camera, and multicorer

Contact Gravity

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